

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 051 24465 A

Approval Date: 09/05/2018  
Expiration Date: 03/05/2019

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: ADD SECTION 35 TO APD, ADD MULTI-UNIT,  
LOCATION EXCEPTION AND ID SEC 35 ORDERS,

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: SE NW NE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 497 1950

Lease Name: CASH

Well No: 2-35-26-23XHS

Well will be 497 feet from nearest unit or lease boundary.

Operator CONTINENTAL RESOURCES INC  
Name:

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 269000  
OKLAHOMA CITY, OK 73126-9000

LISA HART, NINA WILSON, & AMELIA HART  
3308 PONDRIDGE ROAD  
CHICKASHA OK 73018

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	SPRINGER	11953	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 160624  
637787

Location Exception Orders:

Increased Density Orders: 685608  
685607

Pending CD Numbers: 201901435  
201901436  
201901437

Special Orders:

Total Depth: 21947

Ground Elevation: 1176

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 520

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

D. One time land application -- (REQUIRES PERMIT)  
H. SEE MEMO

PERMIT NO: 18-35093

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

## PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

## HORIZONTAL HOLE 1

Sec 23 Twp 7N Rge 6W County GRADY

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 10836

Radius of Turn: 409

Direction: 1

Total Length: 10463

Measured Total Depth: 21947

True Vertical Depth: 11953

End Point Location from Lease,  
Unit, or Property Line: 50

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

8/31/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

8/31/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

INCREASED DENSITY - 685607

4/19/2019 - G58 - 23-7N-6W  
X160624 SPRG  
3 WELLS  
NO OP. NAMED  
10/26/2018

INCREASED DENSITY - 685608

4/19/2019 - G58 - 23-7N-6W  
X637787 SPRG  
3 WELLS  
NO OP. NAMED  
10/26/2018

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051 24465 CASH 2-35-26-23XHS

Category	Description
MEMO	8/31/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201901435	4/19/2019 - G58 - (I.O.) 35, 26 & 23-7N-6W EST MULTIUNIT HORIZONTAL WELL XOTHERS X160624 SPRG 35 & 26-7N-6W X637787 SPRG 23-7N-6W 3.8% 35-7N-6W 48.1% 26-7N-6W 48.1% 23-7N-6W NO OP. NAMED REC 4/2/2019 (MINMIER)
PENDING CD - 201901436	4/19/2019 - G58 - (I.O.) 35, 26 & 23-7N-6W XOTHERS X160624 SPRG 35 & 26-7N-6W X637787 SPRG 23-7N-6W (RECOGNIZED SHALE MEMBER OF LOWER SPRINGER IS TARGET) COMPL. INT. 35-7N-6W NCT 2560' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. 26-7N-6W NCT 0' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. 23-7N-6W NCT 0' FSL, NCT 150' FNL, NCT 1320' FWL NO OP. NAMED REC 4/2/2019 (MINMIER)
PENDING CD - 201901437	4/19/2019 - G58 - 35-7N-6W X160624 SPRG 1 WELL NO OP. NAMED REC 4/2/2019 (MINMIER)
SPACING - 160624	9/5/2018 - G58 - (640) 35 & 26-7N-6W EXT 123130/155263 SPRG, OTHERS
SPACING - 637787	9/5/2018 - G58 - (640)(HOR) 23-7N-6W VAC OTHERS EXT OTHERS EST SPRG, OTHERS POE TO BHL NCT 660' FB
WATERSHED STRUCTURE	8/31/2018 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

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